

Test Laboratory: Compliance Certification Services

File Name: [D1800V2 SN294.da4](#)

DUT: Dipole 1800 MHz; Type: N/A; Serial: D1800V2 SN 294

Program: System Performance Check at 1800 MHz

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: Head 1800 MHz ($\sigma = 1.4014$ mho/m, $\epsilon_r = 39.8518$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 89.6 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 8.21 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

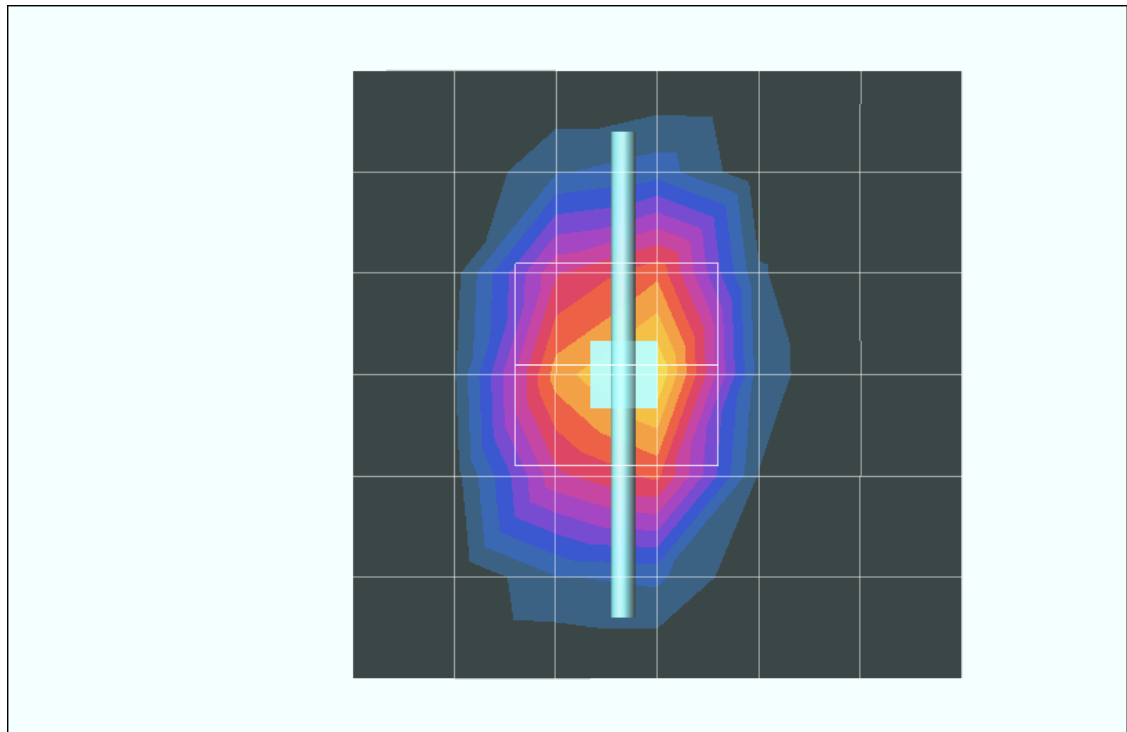
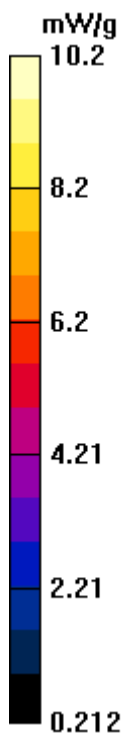
Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 9.04 mW/g; SAR(10 g) = 4.79 mW/g

Reference Value = 89.6 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 10.2 mW/g



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Phantom section: Flat Section

DASY4 Configuration:

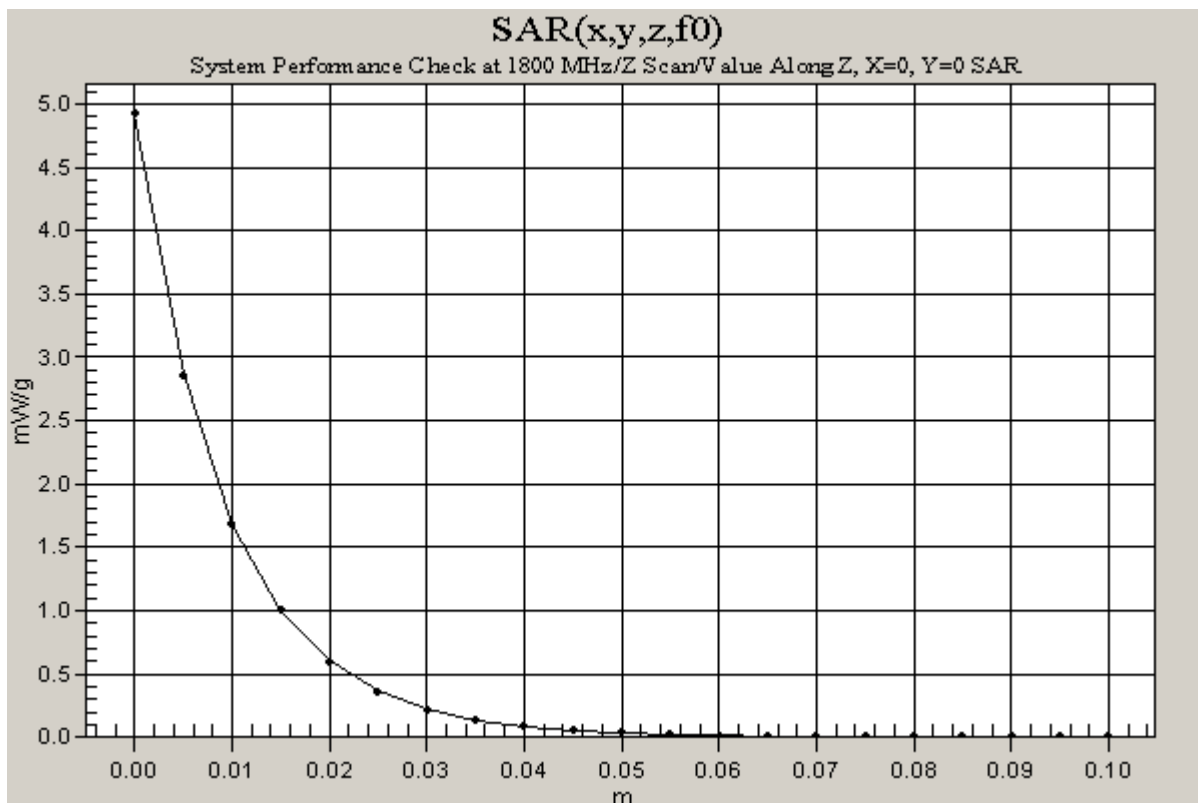
- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 89.6 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 4.93 mW/g



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Program: System Performance Check at 1800 MHz

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23 deg C

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: Head 1800 MHz ($\sigma = 1.3945$ mho/m, $\epsilon_r = 39.8133$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 89.2 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 8.06 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

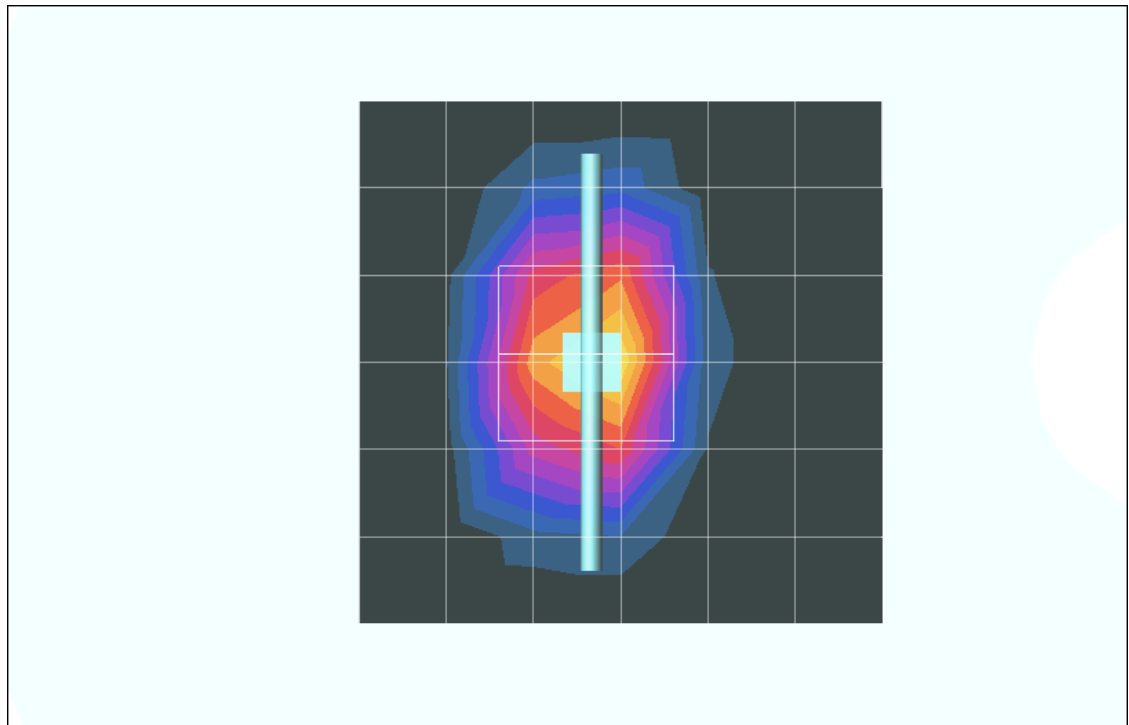
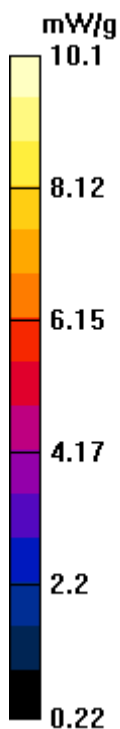
Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 9.01 mW/g; SAR(10 g) = 4.78 mW/g

Reference Value = 89.2 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 10.1 mW/g



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File Name: [D1800V2 SN294.da4](#)

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Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: Head 1800 MHz ($\sigma = 1.3945$ mho/m, $\epsilon_r = 39.8133$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

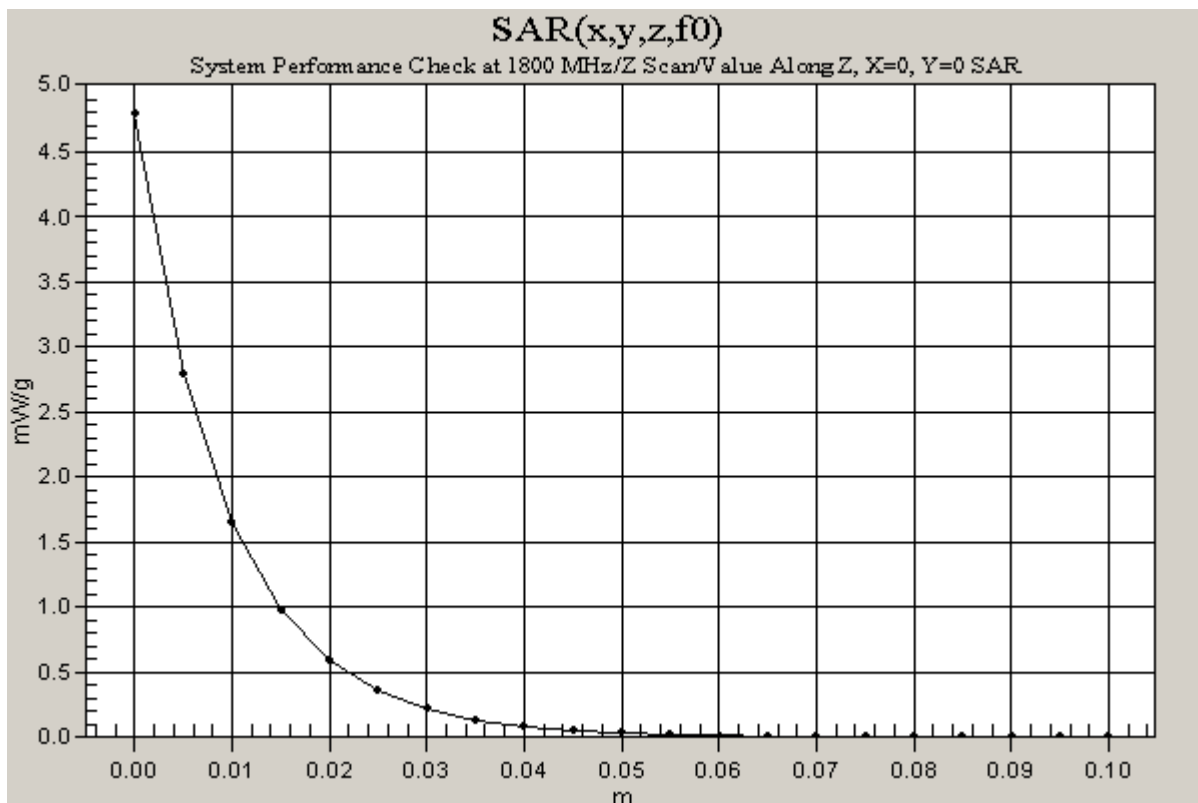
- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 89.2 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 4.8 mW/g



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Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: Head 1800 MHz ($\sigma = 1.3955$ mho/m, $\epsilon_r = 39.8244$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 89.9 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 8.14 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

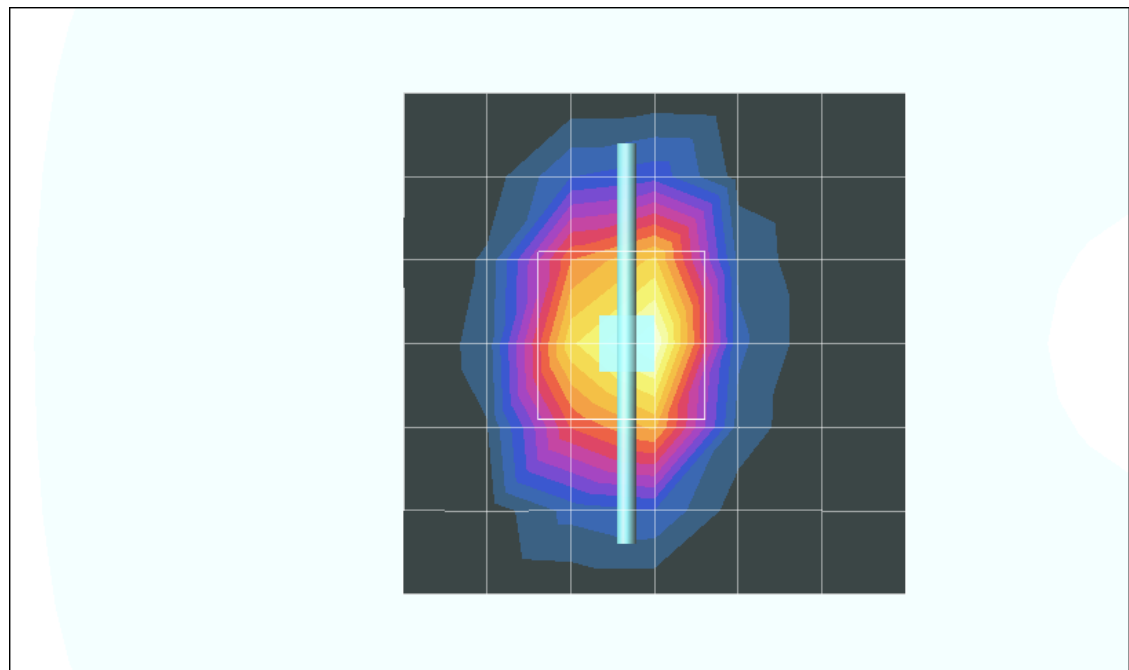
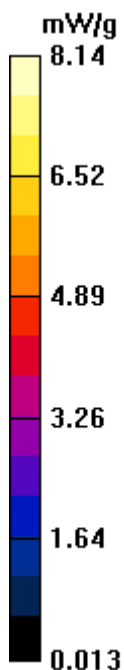
Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 8.99 mW/g; SAR(10 g) = 4.77 mW/g

Reference Value = 89.9 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 10.1 mW/g



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Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.6, 5.6, 5.6); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 89.9 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 4.77 mW/g

